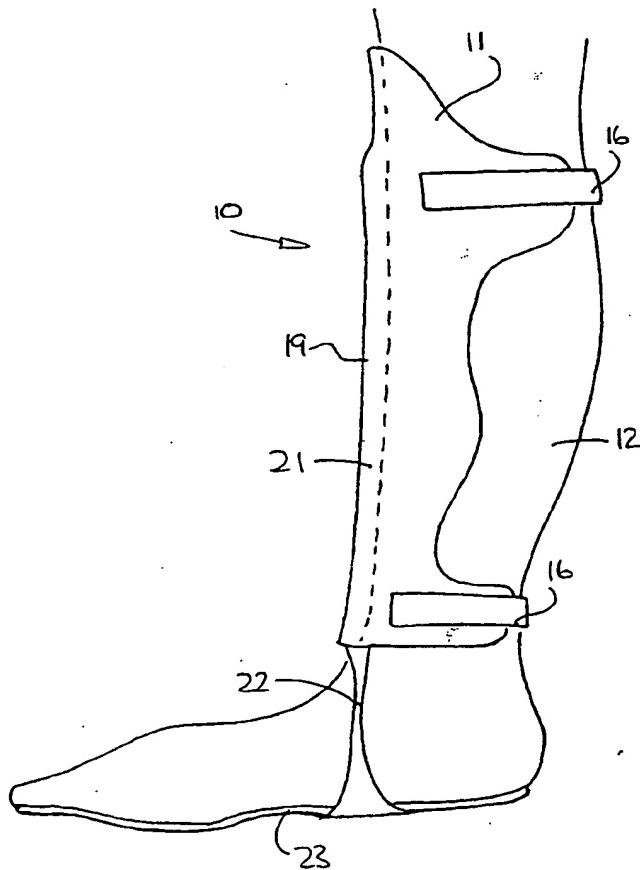


(19) World Intellectual Property Organization
International Bureau(43) International Publication Date
17 May 2001 (17.05.2001)

PCT

(10) International Publication Number
WO 01/34071 A1(51) International Patent Classification⁷: **A61F 5/01**(21) International Application Number: **PCT/GB00/04288**(22) International Filing Date:
8 November 2000 (08.11.2000)(25) Filing Language: **English**(26) Publication Language: **English**(30) Priority Data:
9926599.3 11 November 1999 (11.11.1999) GB(71) Applicant (for all designated States except US): **TYCO
HEALTHCARE UK LIMITED [GB/GB]; 154 Fareham
Road, Gosport, Hampshire PO13 OAS (GB).**

(72) Inventor; and

(75) Inventor/Applicant (for US only): **NICKSON, Shane,
Willard [GB/GB]; 54 Glenorchy Road, Carterknowle,
Sheffield S7 2EL (GB).**(74) Agents: **CHETTLE, Adrian, John et al.; Withers &
Rogers, Goldings House, 2 Hays Lane, London SE1 2HW
(GB).**(81) Designated States (national): **AE, AG, AL, AM, AT, AU,
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ,
DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR,
HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ,
NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM,
TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.**(84) Designated States (regional): **ARIPO patent (GH, GM,
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian***[Continued on next page]*(54) Title: **ANKLE/FOOT ORTHOSIS**

(57) Abstract: An ankle/foot orthosis (10) has a strapping member (11) for the lower leg, an inflexible anterior longitudinal stiffener (21), a sole plate (23), and a relatively flexible strut (22) connecting the stiffener (21) to the sole plate (23). The flexible strut (22) permits a degree of ankle flexibility, and promotes a more natural walking gait.

WO 01/34071 A1